

**BADER ALKANDERY**, (M.Sc. IT) (BIT)

**Phone:** +61 432 270 264

**Email:** [Mail.Alkandery@gmail.com](mailto:Mail.Alkandery@gmail.com)

**LinkedIn:** [linkedin.com/in/Alkandery](https://www.linkedin.com/in/Alkandery)

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### **Personal Summary:**

A dedicated cybersecurity analyst committed to lifelong learning and adept at identifying vulnerabilities while respecting organisational privacy. Experienced in the CIA concept, network and system administration using tools like Wireshark, PowerShell, and Command Line. Proven track record in successfully contributing to various IT projects during my education, ensuring stakeholder satisfaction. Seeking opportunities to leverage skills and passion for overcoming challenges in a dynamic cybersecurity environment.

### **SKILLS & TOOLS**

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**Skills:** Risk Management | AWS | Ticketing System Management | Risk Assessment | Cybersecurity Awareness | Web development | Dashboards development | data visualisation | Programming in C# Python and C/C++ | PowerShell | Policy Implementation | Network systems | Problem solving | SQL |

**Tools:** Microsoft office suite | Adobe Creative Cloud | Visual Studio | VNC | VPN | Anaconda Navigator | Content Manager | Cisco AnyConnect | Wireshark | VMware | VirtualBox | Tableau | Linux | MacOS | Windows | Kali | Raspberry Pi | Proofpoint | Remedy onDemand

### **EXPERIENCE**

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#### **ICT Risk Security & Compliance Analyst:**

**Brisbane, Queensland**

**Brisbane City Council (BCC):** Australia's largest council

**Jan 2023 – Dec 2023**

- Introduced organization-wide rules and guidelines for using AI technologies, ensuring vendor assurance and AI governance.
- Maintained the Remedy ticketing system for the security group, facilitating efficient follow-up on pentest reports and ensuring mitigation within specified timeframes.
- Played a key role in cybersecurity awareness initiatives.
- Conducted phishing simulation campaigns organization-wide, targeting vulnerable groups and reducing click rates on phishing emails from 15% to 11% within 6 months.
- Implemented tailored phishing emails to enhance awareness.
- Introduced business travel awareness guidelines, instructions, and procedures for travellers and ICT teams.
- Handled security rule exemptions, assessed requests, and provided stakeholders with risk advice, ensuring comprehensive security measures.

**Research on a practising company:** **Brisbane, Queensland**

**QUT, Title:** Privacy from policies to processes in a SaaS company. **Feb 2022 – Nov 2022**

- Performed an overview use of the system from different aspects of the system users.
- Designed a BPMN and a detailed overview of the business process.
- presented a Literature review study presenting the lack of framework for identifying privacy related issues.
- Conducted a risk assessment of the system and identified vulnerabilities and breaches related to users' privacy.
- Providing recommendations and mitigations to manage the risks.

**Research Assistant** **Brisbane, Queensland**

**QUT, Title:** Generating and sharing cyber threat intelligence using blockchain. **Feb 2022 – Jun 2022**

- Project management and planning, Stakeholder support and scrum in Agile project.
- Team lead, supporting my team with task to insure meeting deadlines.
- Implemented a Blockchain prototype using Hyperledger Fabric in a team.
- Designed a website using HTML5 and CSS3 to display cyber threat intelligence.
- Conducted a Literature review highlighting the advantages and disadvantages of sharing cyber threat intelligence using blockchain.
- Utilised project management tools, Gant chart during the project.

**Web Development** **Brisbane, Queensland**

**QUT, Placement at Enjoy Parenting** - Parenting support **Jan 2019 – Jan 2020**

- Derived a fully functional website meeting the stakeholder requirements.
- Designed prototypes using Adobe XD and user stories.
- Developed the website from scratch using Adobe Dreamweaver with HTML5 CSS3 and Bootstrap4.
- Played an active leader and developer role in the project.

## **EDUECATION**

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**Queensland University of Technology** **Feb 2021 – Dec 2022**

Master of Information Technology – Cyber security and Networks

**Queensland University of Technology** **Feb 2017 – Jul 2020**

Bachelor of Information Technology – Computer science , Networks and security

## **Certifications**

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**CompTIA Security+ CE**

**Jan 2024 – Jan 2027**

## **Community Service**

### **Student Mentor at QUTIC**

**Jun 2016 – Dec 2016**

- Providing guidance and support to international students.
- Helping students finding their way around the campus.
- Introducing students to services that QUT offers.

### **IAL Volunteering**

**2021 – Present**

- Collecting donations for charities.
- Youth activities organiser.
- Maintaining the facilities of the community centre.

## **Awards & Achievements**

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### **Best Paper Awards – QUT**

**2022**

- Awarded for my research project entitled “Privacy: Policies to processes – securing same-day delivery company’s users privacy”.

### **AI position paper – BCC**

**2023**

- Recognised by the organisation's CIO for introducing a position paper and guidelines on the acceptable use of AI technologies and ways to reduce misuse of the technology.